This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representation of The original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

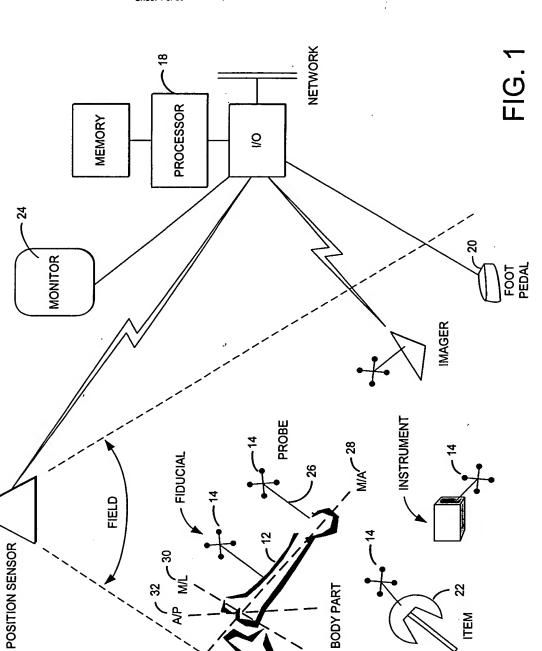
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

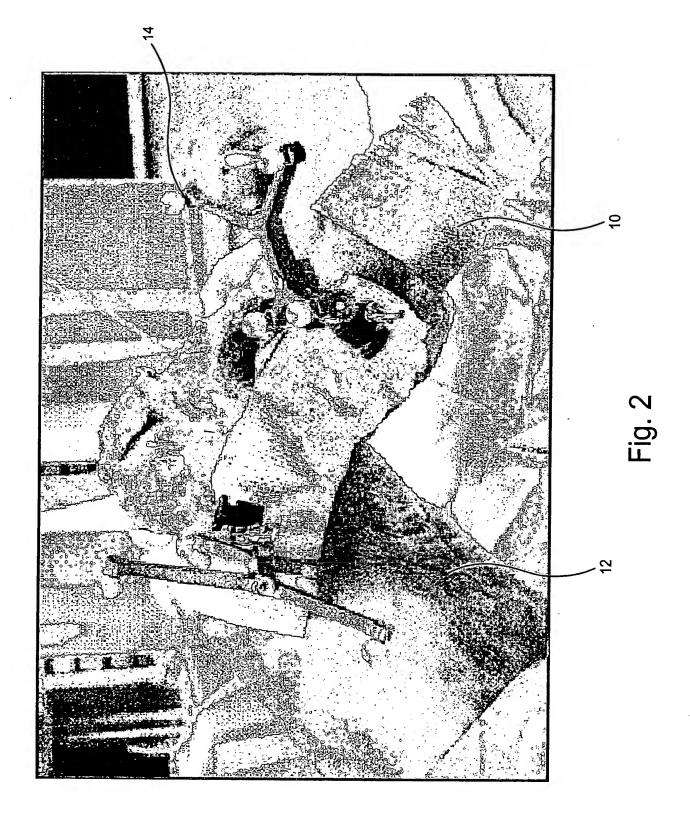
As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.



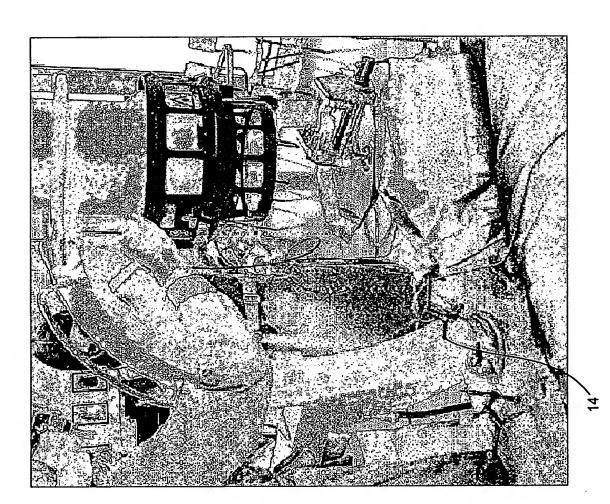
express Label no. Ev04 i627650US
Filed: February 27, 2002
Title: Surgical Navigation Systems and Processes for Unicompartmental Knee Arthroplasty
Attorney Docket: 50642/270980
Attorney: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 1 of 39



Express Label No. EV04162/850US
Filed: February 27, 2002
Title: Surgical Navigation Systems and Processes for Inicompartmental Knee Arthroplasty
Attorney Docket: 50642/270980
Attorney: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 2 of 39



Express Laber No. Evi4 1527850US
Filed: February 27, 2002
Title: Surgical Navigation Systems and Processes for Unicompartmental Knee Arthroplasty
Attorney: Docket: 50642/270980
Attorney: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 3 of 39



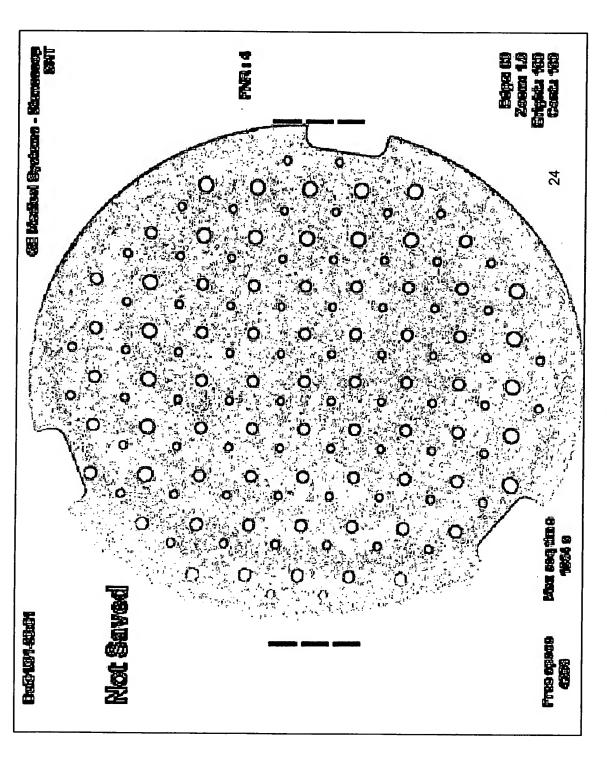


Fig. 4

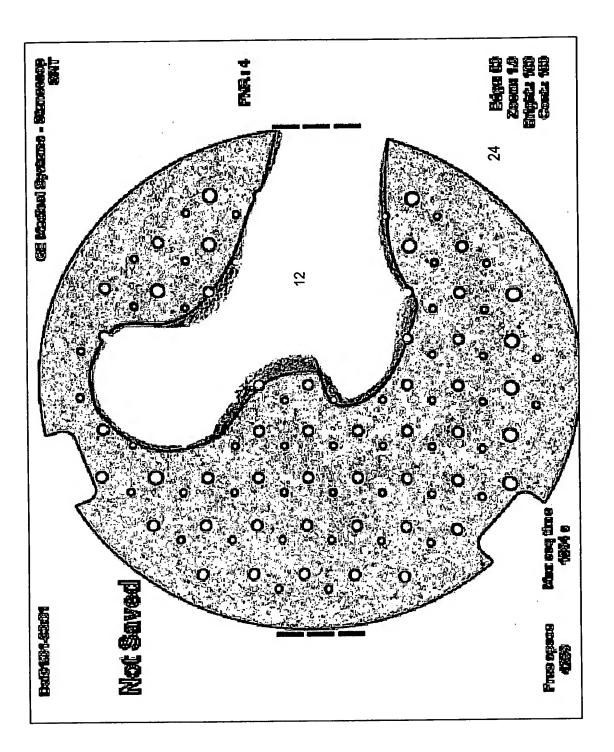


Fig. 5

Express Label No. EV041627850US
Filed: February 27, 2002
Surgical Navigation Systems and Processes for impartmental Knee Arthroplasty
Ney Docket: 50642/270980
Attorney: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 6 of 39

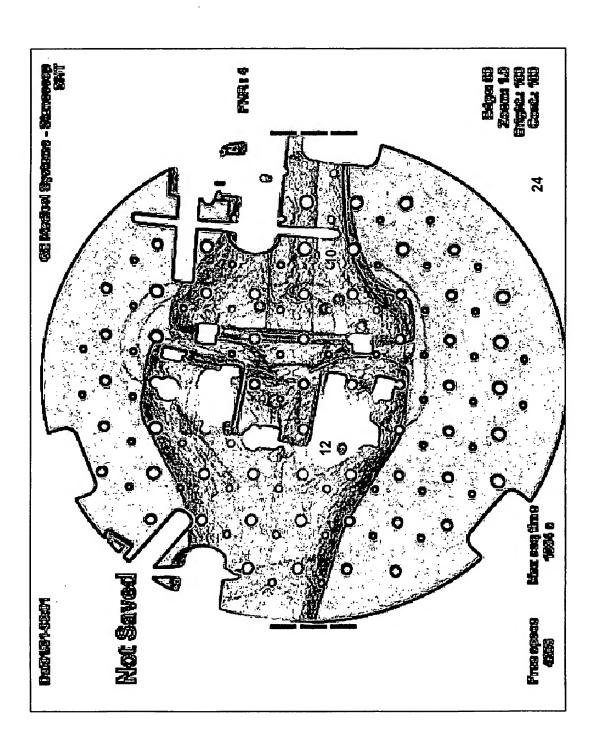
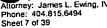
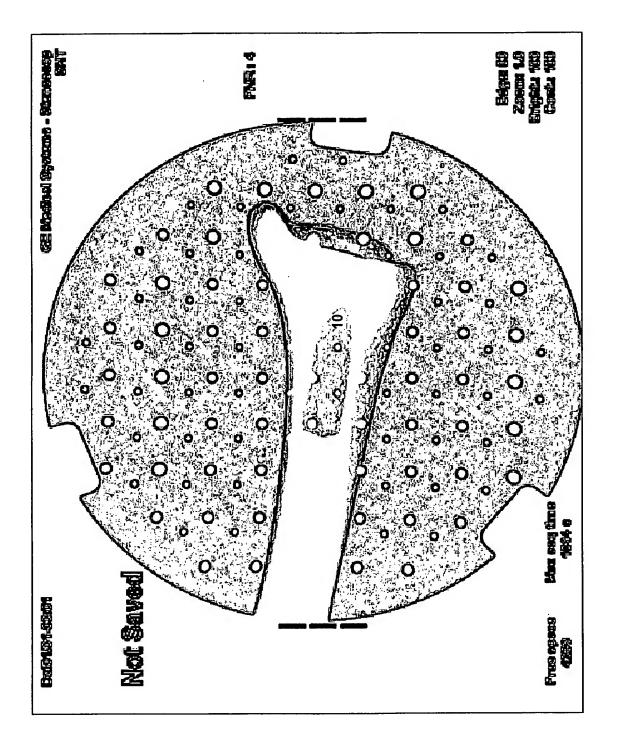


Fig. 6

Express Label No. EV041627850US
Filed: February 27, 2002
Surgical Navigation Systems and Processes for repartmental Knee Arthroplasty
ay Docket: 50642/270980
Altorney: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 7 of 39





Express Label No. EVQ41627850US Filed: February 27, 2002 Title: Surgical Navigation Systems and Processes for Unicompartmental Knee Arthroplasty Attorney Docket: 50642/270980 Attorney: James L. Ewing, IV. Phone: 404.815.6494 Sheet 8 of 39

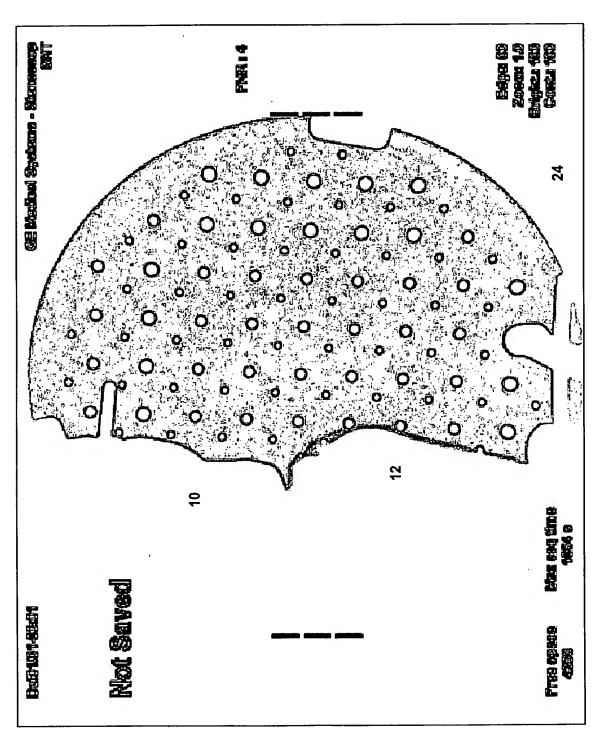


Fig. 8

Express Label No. EV041627850US
Filed: February 27, 2002
e: Surgical Navigation Systems and Processes for compartmental Knee Arthroplasty Amey Docket: 50642/270980
Attorney: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 9 of 39

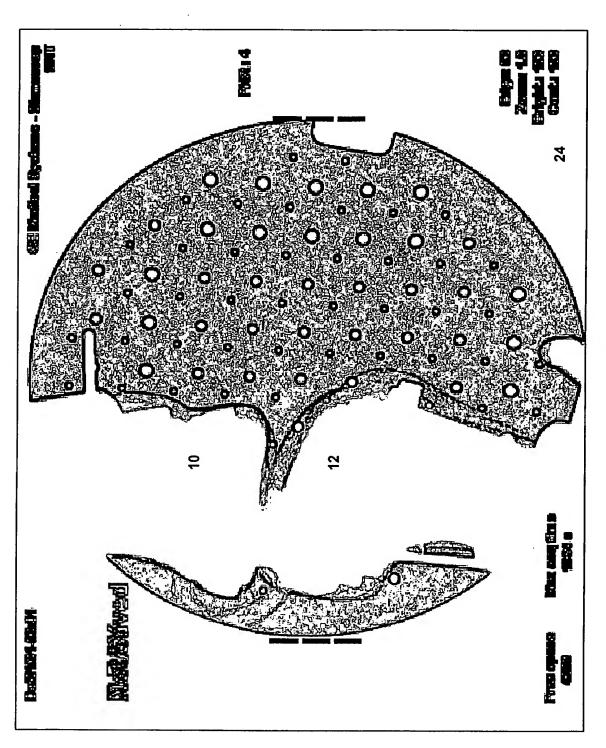


Fig. 9

Express Label No. EV541827858U0
Filed: February 27, 2002
File: Surgical Navigation Systems and Processes for compartmental Knee Arthroplasty free Docket: 50642/270980
Adomey: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 10 of 39

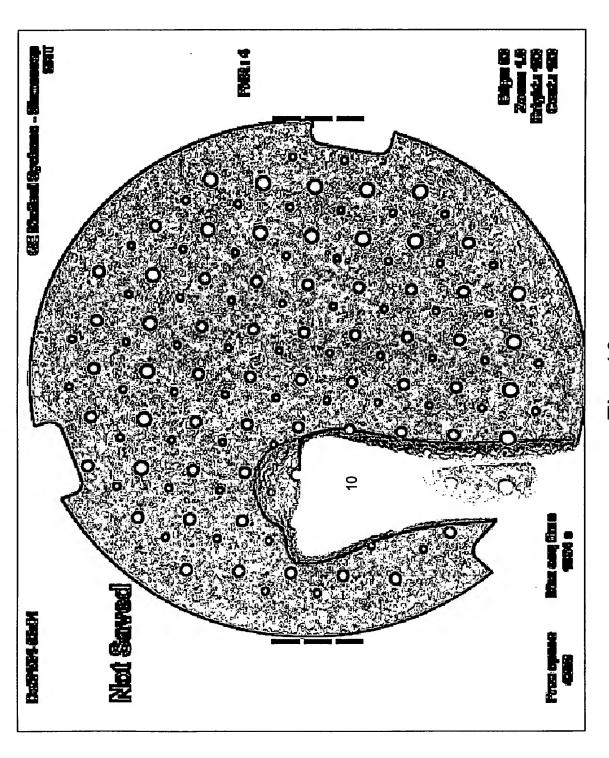
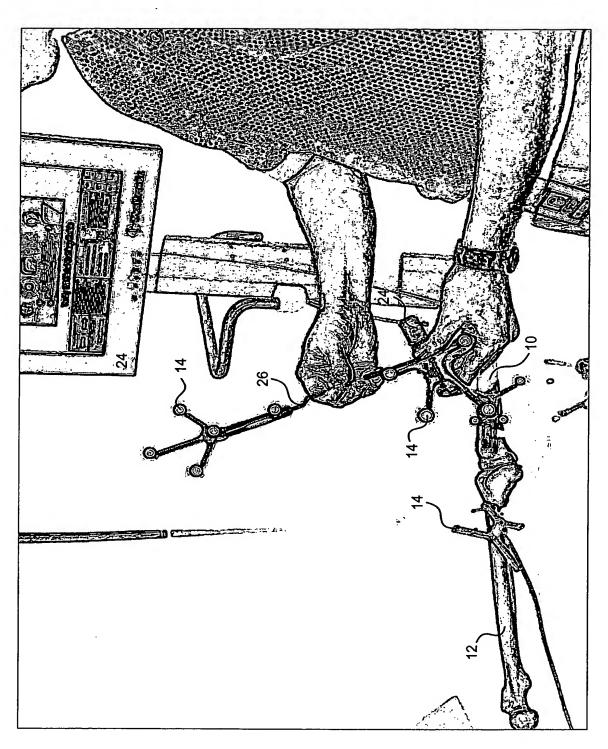
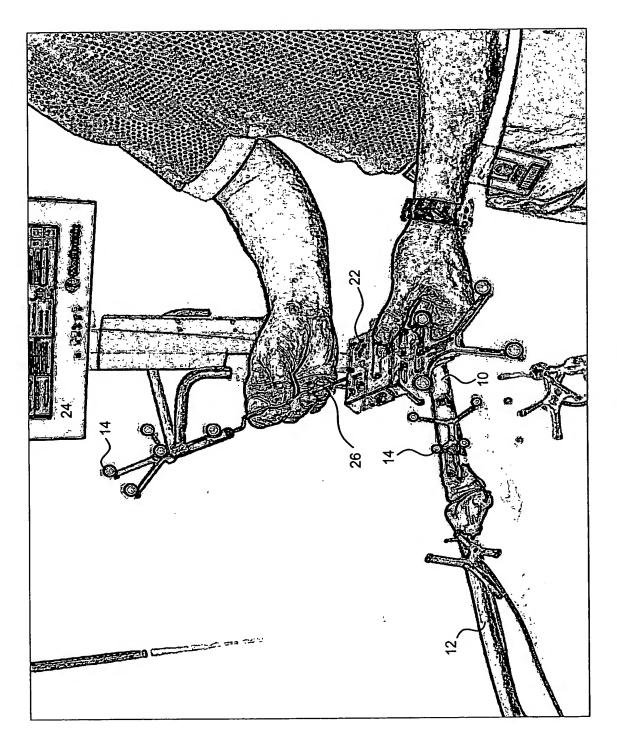


Fig. 10

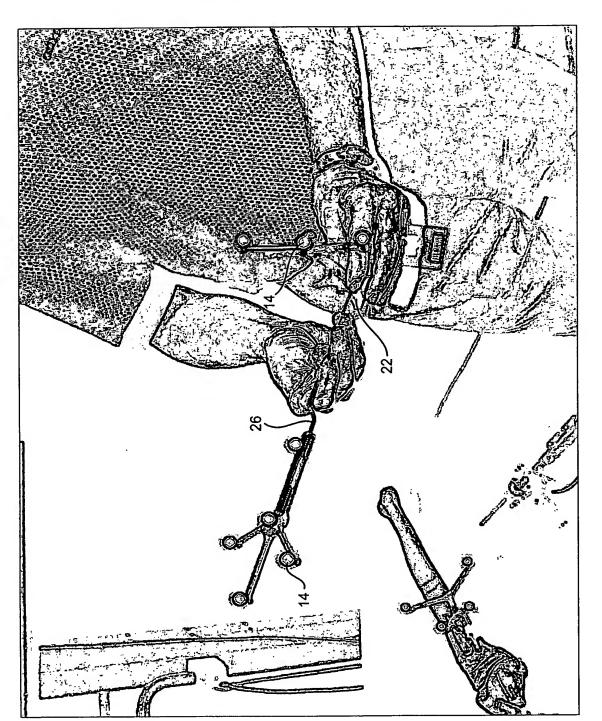
Express Label No. EV04162765003 Filed: February 27, 2002 Title: Surgical Navigation Systems and Processes for Unicompartmental Knee Arthroplasty Attorney: Docket: 50642/270980 Attorney: James L. Ewing, IV. Phone: 404.815,6494 Sheet 11 of 39

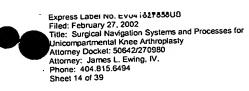


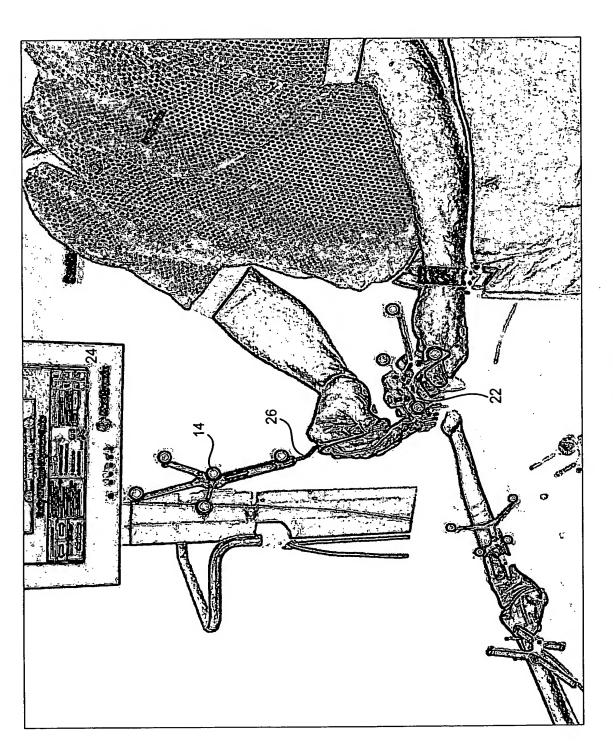
Enness Label Ns. EV041627050UC
Filed: February 27, 2002
Title: Surgical Navigation Systems and Processes for compartmental Knee Arthroplasty brney Docket: 50642/270980
-ntorney: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 12 of 39



Express Laber No. EV04 i627650US Filed: February 27, 2002 Title: Surgical Navigation Systems and Processes for Unicompartmental Knee Arthroplasty Attorney Docket: 50642/270980 Attorney: James L. Ewing, IV. Phone: 404.815.6494 Sheet 13 of 39







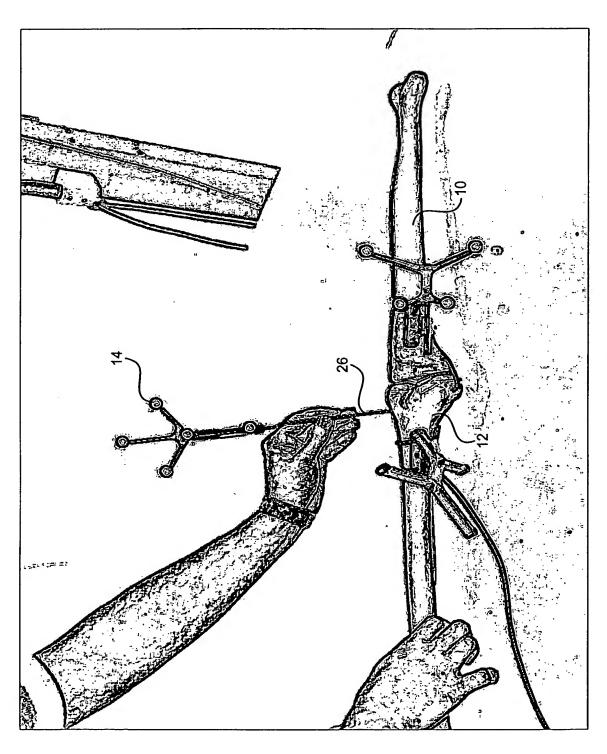


Fig. 15

Express Label Ne. CV044627860U6
Filed: February 27, 2002
Surgical Navigation Systems and Processes for mpartmental Knee Arthroplasty by Docket: 50642/270980
Liey: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 16 of 39

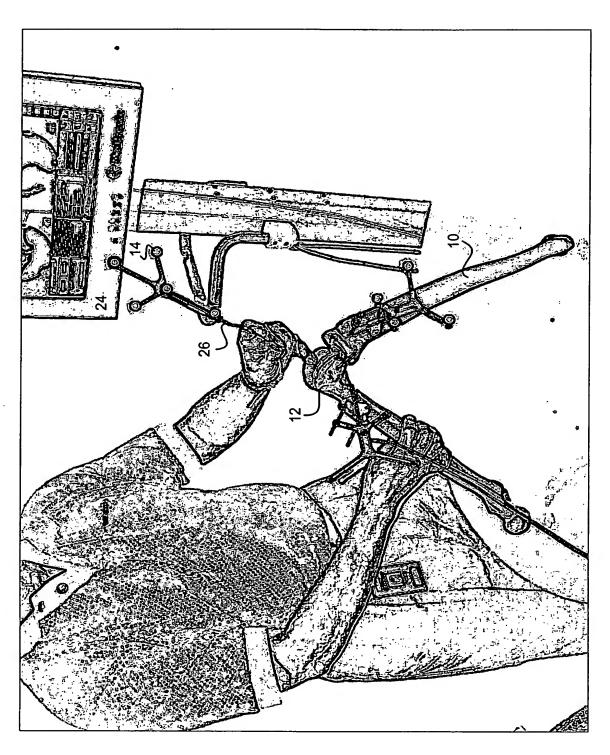


Fig. 16

Express Label No. EV04 1627650U5
Filed: February 27, 2002
Filed: February 27, 2002
Filed: Surgical Navigation Systems and Processes for mpartmental Knee Arthroplasty ey Docket: 50642/270980
Washey: James L. Ewing, IV.
Phone: 404.815,6494
Sheet 17 of 39

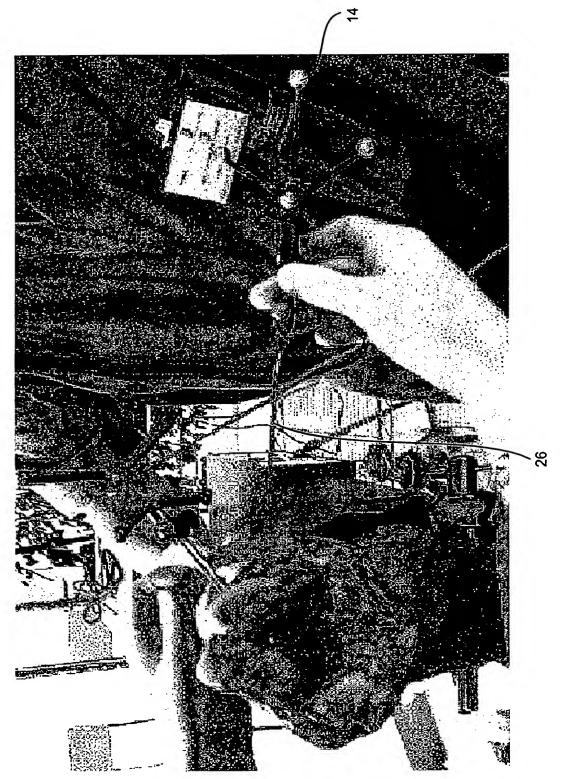
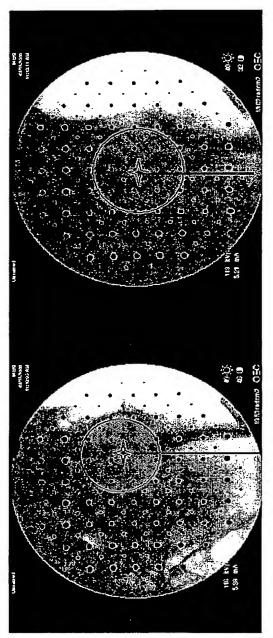


Fig. 17

Express Label No. EV04182785003 Filed: February 27, 2002 Title: Surgical Navigation Systems and Processes for nicompartmental Knee Arthroplasty Jorney Docket: 50642/270980 Attorney: James L. Ewing, IV. Phone: 404.815.6494 Sheet 18 of 39

Determine Femoral Mechanical Axis



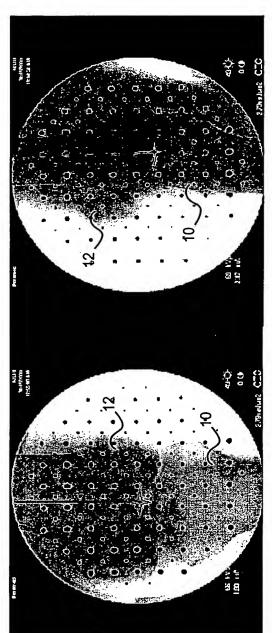
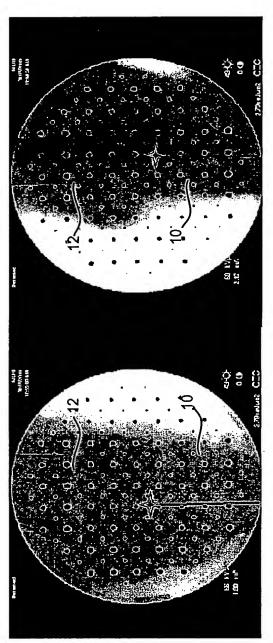


Fig. 18

Express Label No. EV041627850US
Filed: February 27, 2002
Tille: Surgical Navigation Systems and Processes for icompartmental Knee Arthroplasty orney Docket: 50642/270980
Attorney: James L. Ewing, IV.
Phone: 404,815,6494
Sheet 19 of 39

Determine Tibial Mechanical Axis



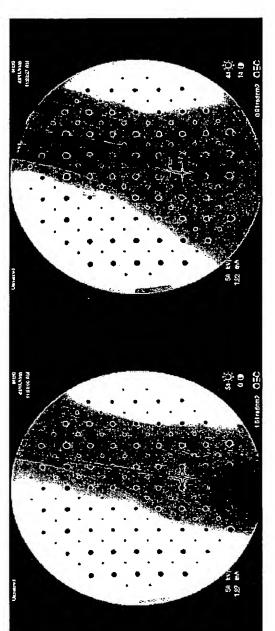
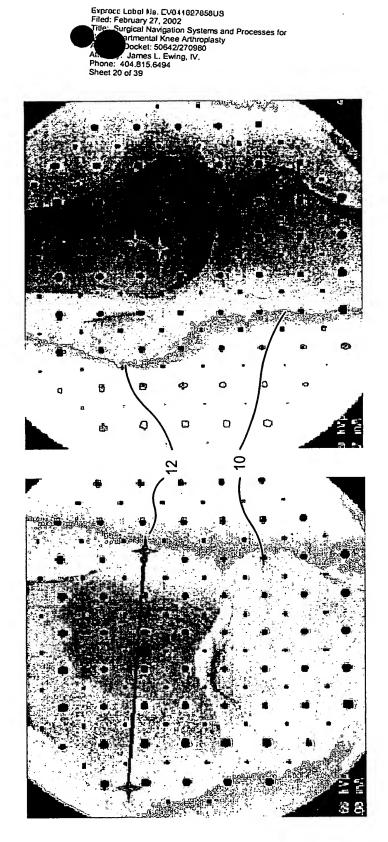


Fig. 19

Determine Epicondylar Axis



Determine Anterior-Posterior Axis

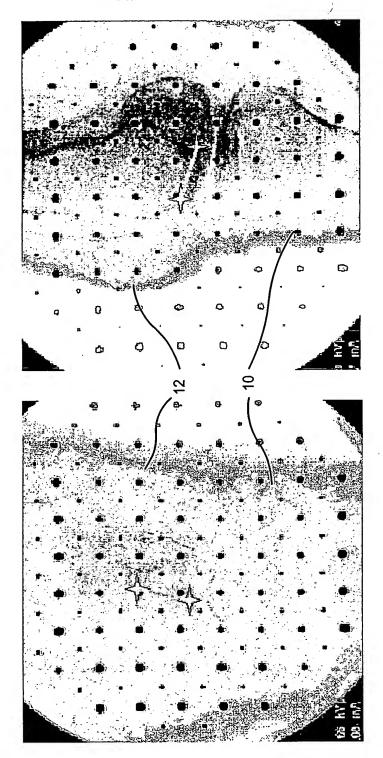


Fig. 21

Determine Posterior Condylar Axis

Express Label Nv. EV641627655U5 Filed: February 27, 2002 Title—Surgical Navigation Systems and Processes for Continuous Processes for Docket: 50642/270980 Attorn. James L. Ewing, IV. Phone: 404.815.6494 Sheet 22 of 39

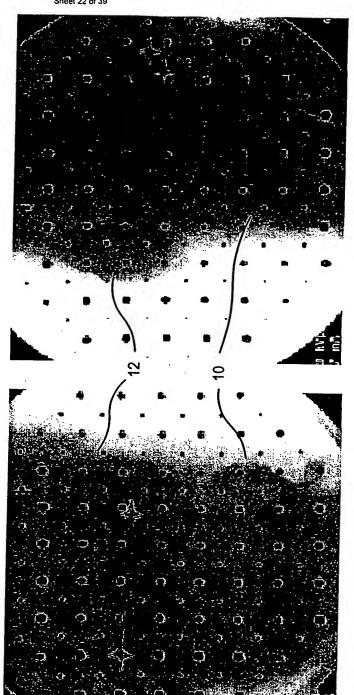
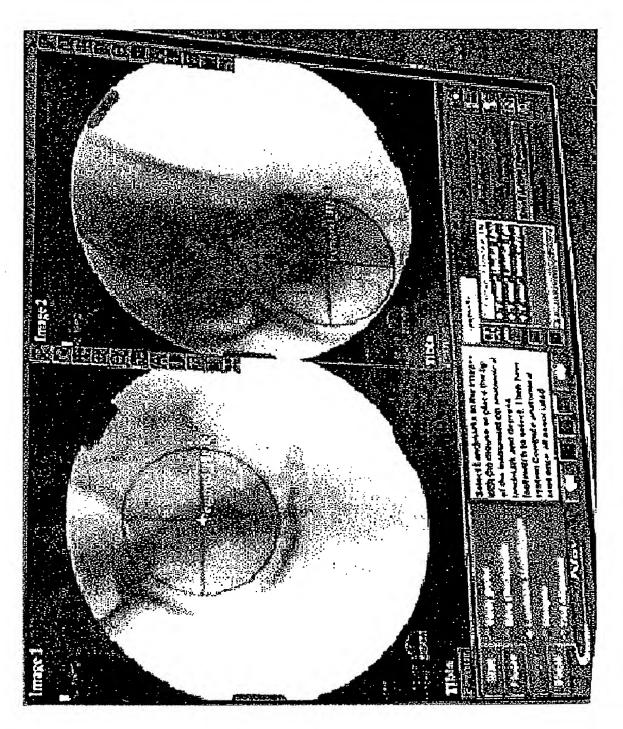


Fig. 22

Express Label No. EV041627850US
Filed: February 27, 2002
Surgical Navigation Systems and Processes for partmental Knee Arthroplasty
y Docket: 50642/270980
Attorney: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 23 of 39



Express Label No. EV041627850US
Filed: February 27, 2002
Surgical Navigation Systems and Processes for partmental Knee Arthroplasty
ey Docket: 50642/270980
Attorney: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 24 of 39

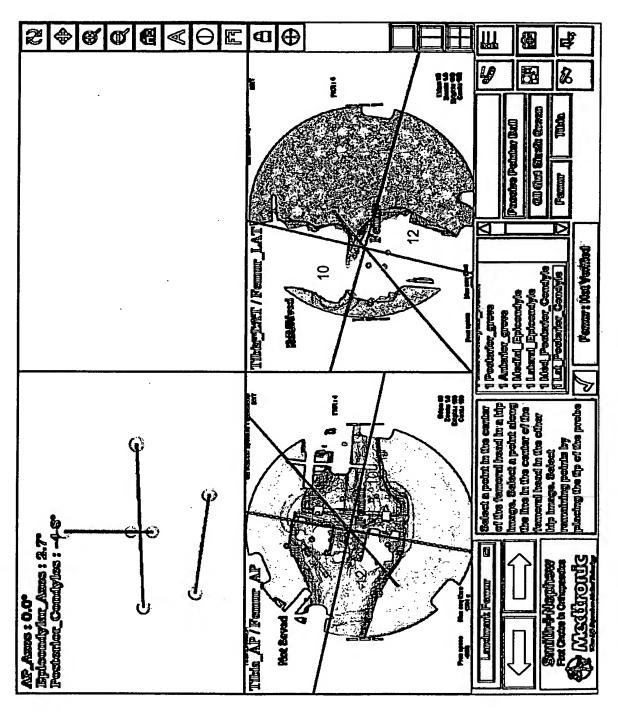


Fig. 24

Express Label No. EV041627850US
Foot: February 27, 2002
Surgical Navigation Systems and Processes for mpartmental Knee Arthroplasty
...ney Docket: 50642/2770980
Attorney: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 25 of 39

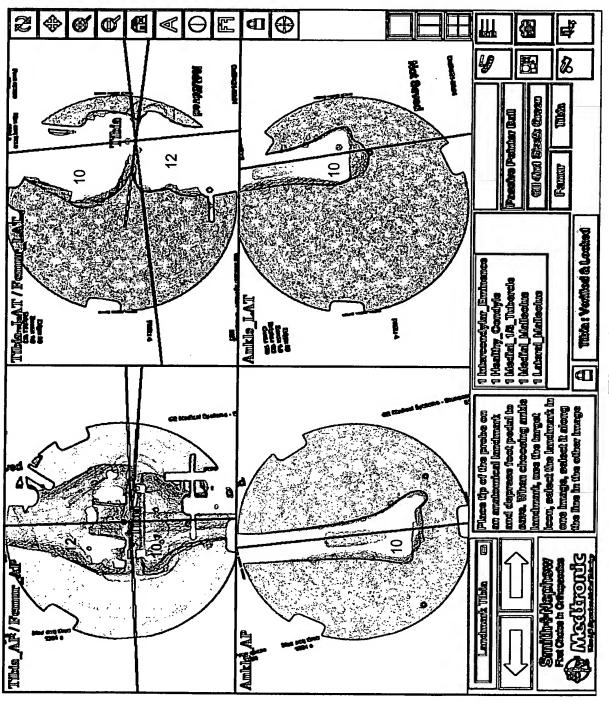
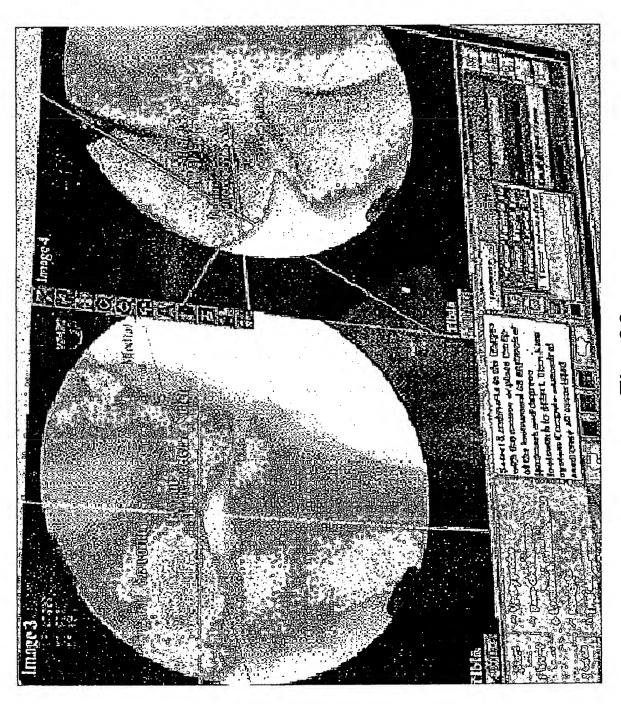
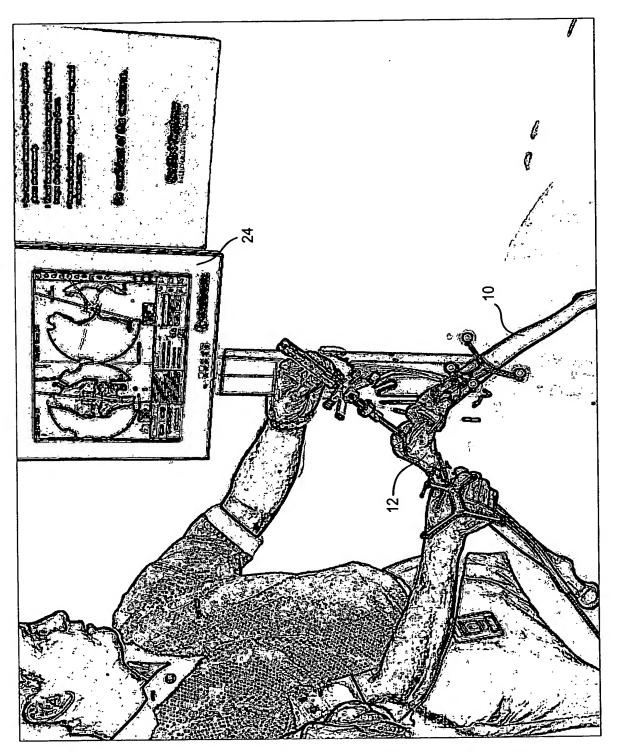


Fig. 25

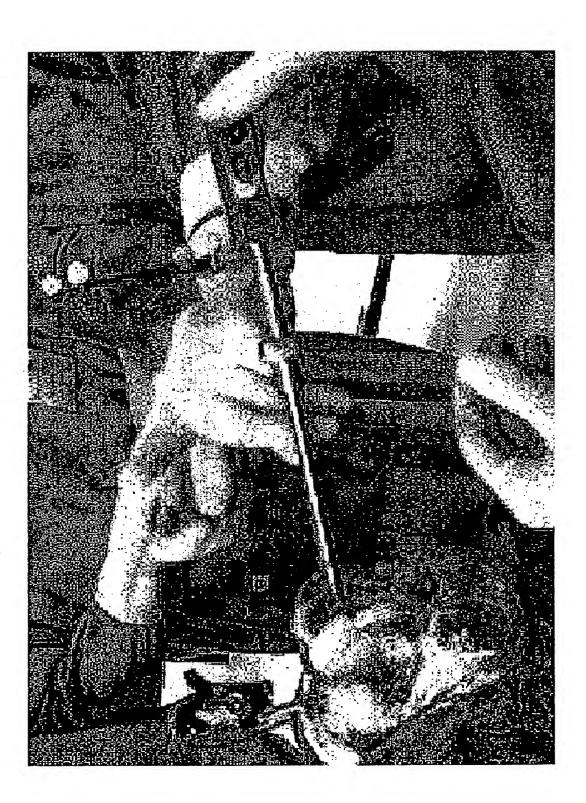
Express Label No. PV641827838US
Filed: February 27, 2002
Title: Surgical Navigation Systems and Processes for nicompartmental Knee Arthroplasty ttorney Docket: 50642/270980
Altorney: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 26 of 39



Express Label No. EVU4162/850US
Filed: February 27, 2002
Surgical Navigation Systems and Processes for opportunental Knee Arthroplasty ney Docket: 50642/270980
Arthropic James L. Ewing, IV.
Phone: 404.815.6494
Sheet 27 of 39



Express Label No. EVU4162/85UU5 Filed; February 27, 2002 Surgical Navigation Systems and Processes for topartmental Knee Arthroplasty Ey Docket: 50642/270980 Attorney: James L. Ewing, IV. Phone: 404.815.6494 Sheet 28 of 39



Express Label No. EVU4102/1800US Filed: February 27, 2002 The Aurgical Navigation Systems and Processes for partmental Knee Arthroplasty Docket: 50642/270980 Attorney: James L. Ewing, IV. Phone: 404.815.6494 Sheet 29 of 39

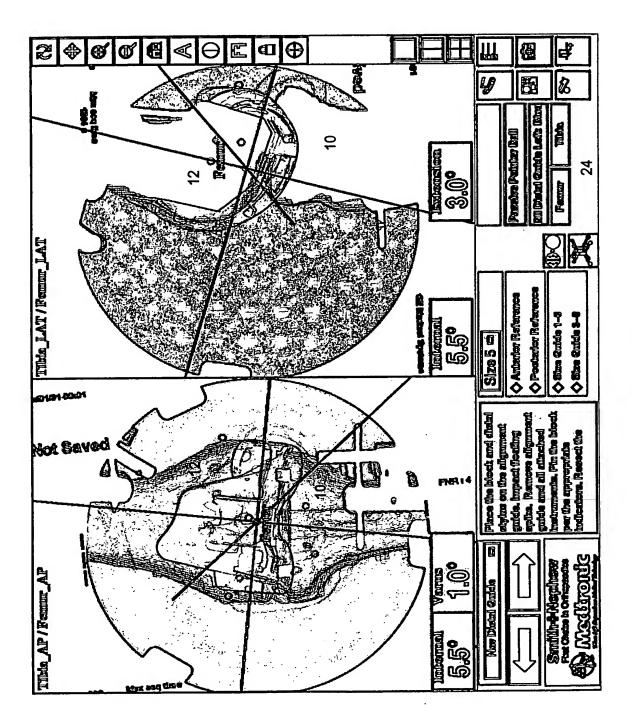
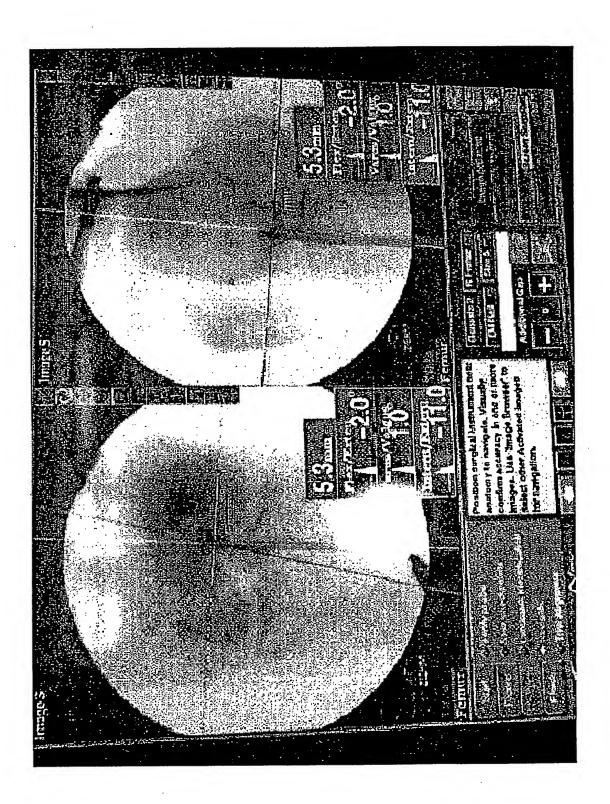


Fig. 29

Express Label No. EV04162/850US
Filed: February 27, 2002
Furgical Navigation Systems and Processes for partmental Knee Arthroplasty
Docket: 50642/270980
Altorney: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 30 of 39



Express Label No. EV044C27860US
Filed: February 27, 2002
Surgical Navigation Systems and Processes for partmental Knee Arthroplasty
/ Docket: 50642/270980
Altorney: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 31 of 39

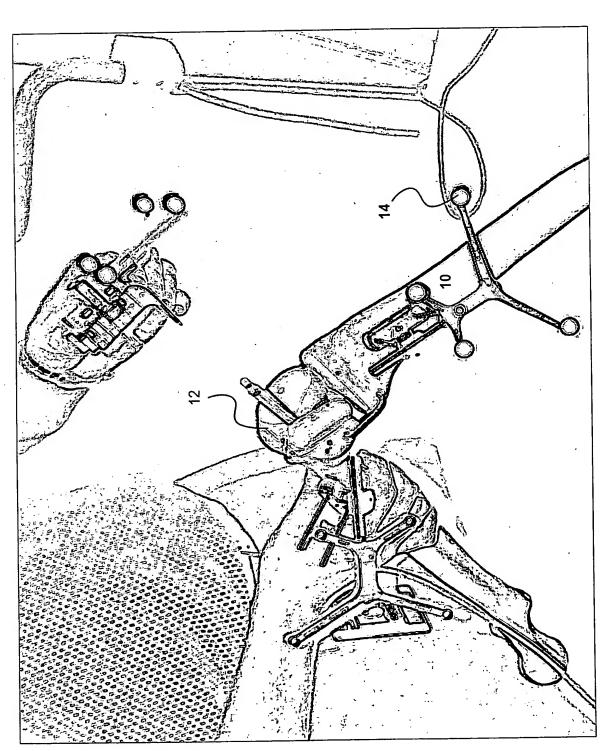
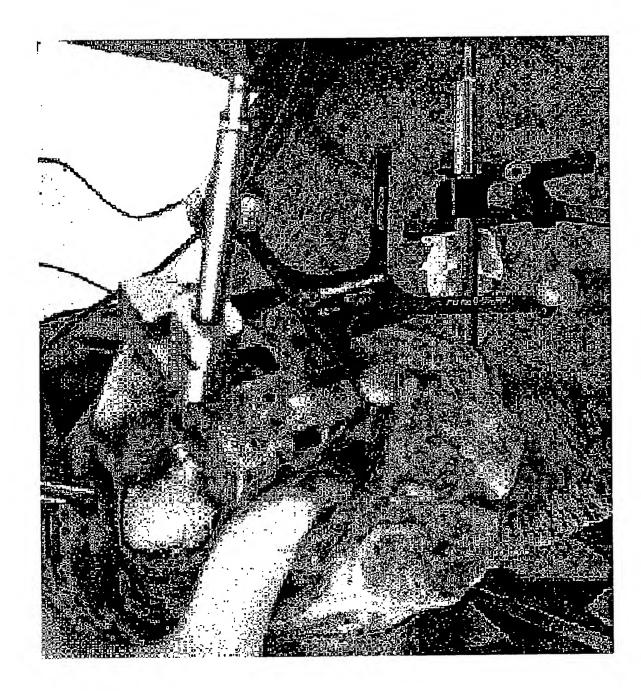
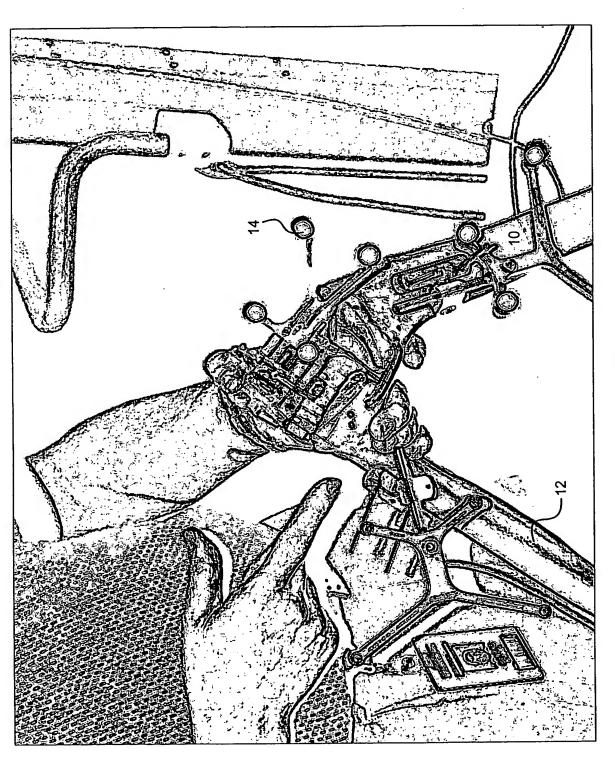


Fig. 31

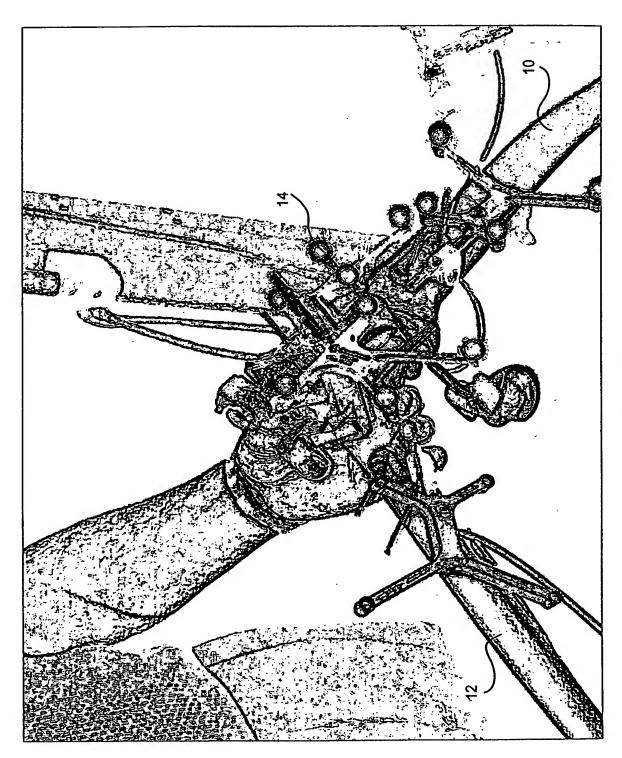
Exproce Lobel Ns. CV044607068U3
Filed: February 27, 2002
Title: Surgical Navigation Systems and Processes for partmental Knee Arthroplasty
Occket: 50642/270980
y: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 32 of 39



E. Press Label Na. EV041627860US
Filed: February 27, 2002
File: Surgical Navigation Systems and Processes for impartmental Knee Arthroplasty
ley Docket: 50642/270980
Iney: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 33 of 39

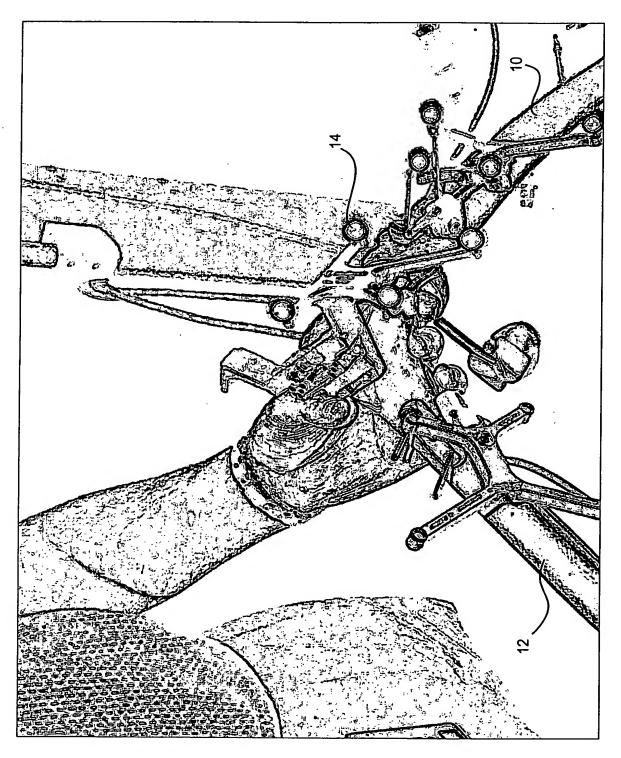


Express Label No. EV04 102/100005
Filed: February 27, 2002
To Surgical Navigation Systems and Processes for Impartmental Knee Arthroplasty
hey Docket: 50642/270980
Autorney: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 34 of 39

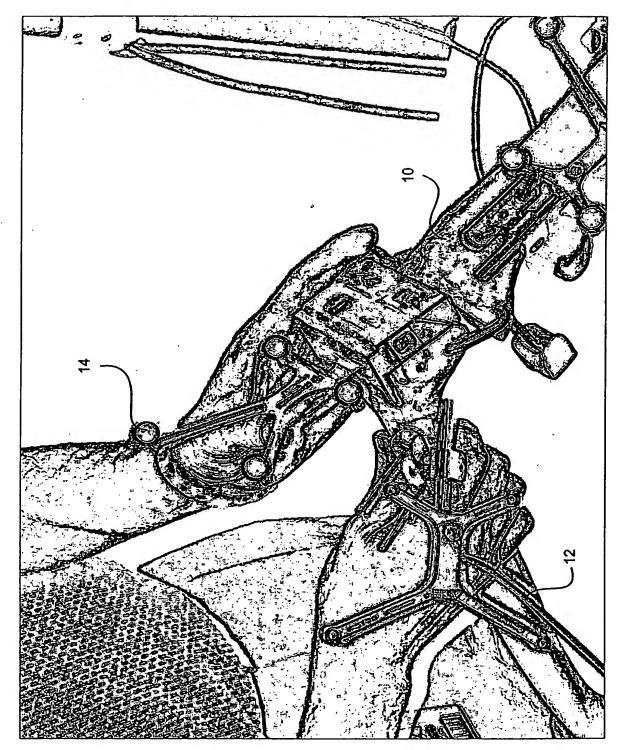


FYprass Labal No. EV041637860UC Filed: February 27, 2002 Title: Surgical Navigation Systems and Processes for nicompartmental Knee Arthroplasty tomey Docket: 50642/270980 Itorney: James L. Ewing, IV. Phone: 404.815.6494 Sheet 35 of 39



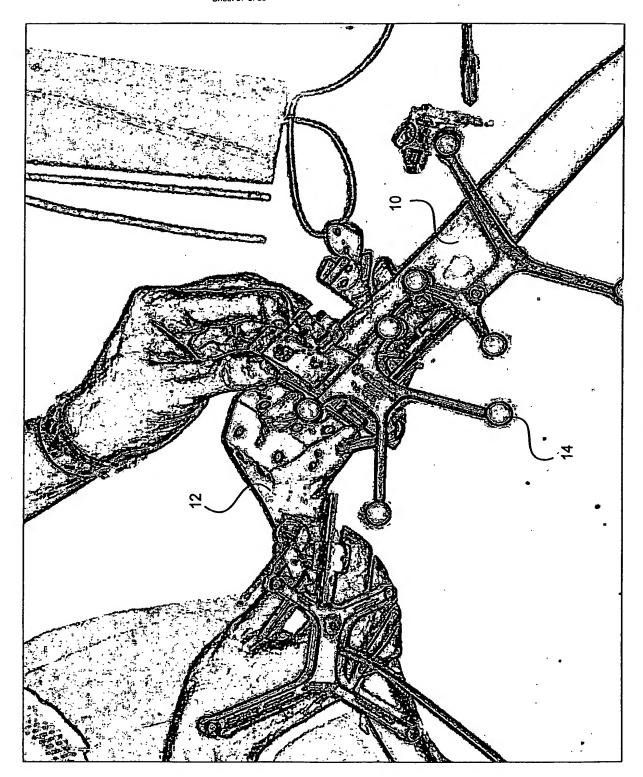


Fixproce Lobol No. EV041637860U8
Filed: February 27, 2002
Files: Surgical Navigation Systems and Processes for virtuental Knee Arthroplasty ocket: 50642/270980
Atto. James L. Ewing, IV.
Phone: 404.815.6494
Sheet 36 of 39



Express Label No. EVU4 1027658US
Filed: February 27, 2002
Title: Surgical Navigation Systems and Processes for Unicompartmental Knee Arthroplasty
Attorney Docket: 50642/270980
Attorney: James L. Ewing, IV.
Phone: 404.815.6494
Sheet 37 of 39





Express Label No. EV041627850US Filed: February 27, 2002 Title: Surgical Navigation Systems and Processes for Unicompartmental Knee Arthroplasty Attorney Docket: 50642/270980 Attorney: James L. Ewing, IV. Phone: 404.815.6494 Sheet 38 of 39



